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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application Number	10/524,355	
Sheet		1	of	22	Filing Date	07/12/2005
					First Named Inventor	Vicki S. Elliott
					Group Art Unit	Unassigned 1656
					Examiner Name	Unassigned CARLSON
					Attorney Docket Number	071949-9301

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
ccc	A1	5,175,383		Leder et al.	December 29, 1992	
	A2	5,270,163		Gold et al.	December 14, 1993	
	A3	5,474,796		Brennan	December 12, 1995	
	A4	5,605,662		Heller et al.	February 25, 1997	
	A5	5,686,242		Bruice et al.	November 11, 1997	
	A6	5,707,618		Armentano et al.	January 13, 1998	
	A7	5,767,337		Roses et al.	June 16, 1998	
	A8	5,804,413		DeLuca	September 8, 1998	
	A9	5,807,522		Brown et al.	September 15, 1998	
	A10	5,837,458		Minshull et al.	November 17, 1998	
	A11	5,840,484		Seilhamer et al.	November 24, 1998	
	A12	5,910,434		Rigg et al.	June 8, 1999	
	A13	5,914,236		Monsma, Jr. et al.	June 22, 1999	
	A14	5,932,435		Atkins et al.	August 3, 1999	
	A15	5,997,848		Patton et al.	December 7, 1999	
	A16	6,022,691		Bruice et al.	February 8, 2000	
	A17	6,057,101		Nandabalan et al.	May 2, 2000	
ccc	A18	6,372,724		Pelleg et al.	April 16, 2002	

FOREIGN PATENT DOCUMENTS								
Exam iner Initial s*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
see		B1	WO95/25116		CALIFORNIA INST OF TECHN (US)	1995-09-21		
see		B2	WO95/35505		UNIV LELAND STANFORD JUNIOR (US)	1995-12-28		
see		B3	WO84/03564		COMMW SERUM LAB COMMISSION (AU)	1984-09-13		

Examiner
Signature

KC Carlson

Date
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6-29-07

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
pcc	C1	Aberle, H. et al., "Cadherin-catenin complex: protein interactions and their implications for cadherin function," (1996) <u>J. Cell. Biochem.</u> 61:514-523, (1996) <u>J. Cell. Biochem.</u> 61:514-523	
	C2	Adam, M.A. and A.D. Miller, "Identification of a signal in a murine retrovirus that is sufficient for packaging of nonretroviral RNA into virions," (1988) <u>J. Virol.</u> 62:3802-3806	
	C3	Adams et al., "Activators of peroxisome proliferator-activated receptor gamma have depot-specific effects on human preadipocyte differentiation," (1997) <u>J. Clin. Invest.</u> 100:3149-3153	
	C4	Adams, J.C. et al., "The thrombospondin type 1 repeat (TSR) superfamily: diverse proteins with related roles in neuronal development," Tucker (2000) <u>Dev. Dyn.</u> 218:280-299	
	C5	Altschul, S.F. et al., "Basic local alignment search tool," (1990) <u>J. Mol. Biol.</u> 215:403-410	
	C6	Anderson, N.L. and J. Seilhamer, "A comparison of selected mRNA and protein abundances in human liver," (1997) <u>Electrophoresis</u> 18:533-537	
	C7	Antinozzi, P.A. et al., "Metabolic engineering with recombinant adenoviruses," (1999) <u>Annu. Rev. Nutr.</u> 19:511-544	
	C8	Armentano, D. et al., "Effect of internal viral sequences on the utility of retroviral vectors," (1987) <u>J. Virol.</u> 61:1647-1650	
	C9	Arndt, G.M. et al., "A rapid genetic screening system for identifying gene-specific suppression constructs for use in human cells," (2000) <u>Nucleic Acids Res.</u> 28:E15	
	C10	Ashkenazi, A. and V.M. Divit, "Apoptosis control by death and decoy receptors," (1999) <u>Curr. Opin. Cell Biol.</u> 11:255-260	
llc	C11	Auwerx, J., "PPAR γ , the ultimate thrifty gene," (1999) <u>Diabetologia</u> 42:1033-1049	

Examiner Signature	KC Carlson	Date Considered	6-29-07
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<i>KE</i>	C12	Baltimore, D., "Intracellular Immunization," (1988) <u>Nature</u> 335:395-396		
	C13	Banerji, J. et al., "A gene pair from the human major histocompatibility complex encodes large praline-rich proteins with multiple repeated motifs and a single ubiquitin-like domain," (1990) <u>Proc. Natl. Acad. Sci. USA</u> 87:2374-2378		
	C14	Barroso et al., "Dominant negative mutations in human PPAR associated with severe insulin resistance, diabetes mellitus and hypertension," (1998) <u>Nature</u> 402:880-883		
	C15	Bauer, G. et al., "Inhibition of human immunodeficiency virus-1 (HIV-1) replication after transduction of granulocyte colony-stimulating factor-mobilized D34+cells from HIV-1-infected donors using retroviral vectors containing anti-HIV-1 genes," (1997) <u>Blood</u> 89:2259-2267		
	C16	Bender, M.A. et al., "Evidence that the packaging signal of Moloney murine leukemia virus extends into the gag region," (1987) <u>J. Virol.</u> 61:1639-1646		
	C17	Bitter, G.A. et al., "Expression and secretion vectors for yeast," (1987) <u>Methods Enzymol.</u> 153:516-544		
	C18	Blaese, R.M. et al., "T lymphocyte-directed gene therapy for ADA- SCID: initial trial results after 4 years," (1995) <u>Science</u> 270:475-480		
	C19	Blind, M. et al., "Cytoplasmic RNA modulators of an inside-out signal-transduction cascade," (1999) <u>Proc. Natl. Acad. Sci. USA</u> 96:3606-3610		
	C20	Boado, R.J. et al., "Drug delivery of antisense molecules to the brain for treatment of Alzheimer's disease and cerebral AIDS," (1998) <u>J. Pharm. Sci.</u> 87:1308-1315		
<i>plh</i>	C21	Bolton, A.E. and W.M. Hunter, "The labelling of proteins to high specific radioactivities by conjugation to a 125I-containing acylating agent," (1973) <u>Biochem. J.</u> 133:529-539		

Examiner Signature	<i>H. Clark</i>	Date Considered	6-29-07
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KE	C22	Bonyhadi, M.L., "RevM10-expressing T cells derived in vivo from transduced human hematopoietic stem-progenitor cells inhibit human immunodeficiency virus replication," (1997) <u>J. Virol.</u> 71:4707-4716	
	C23	Bordignon, C. et al., "Gene therapy in peripheral blood lymphocytes and bone marrow for ADA- immunodeficient patients," (1995) <u>Science</u> 270:470-475	
	C24	Boulay, J.-L. and H. Récipon, "Expression vectors and delivery systems," (1998) <u>Curr. Opin. Biotechnol.</u> 9:445-450	
	C25	Brenner, B. et al., "L-selectin regulates actinpolymerisation via activation of the small G-protein Rac2," (1997) <u>Biochem. Biophys. Res. Commun.</u> 231:802-807	
	C26	Brody, E.N. and L. Gold, "Aptamers as therapeutic and diagnosis agents," (2000) <u>J. Biotechnol.</u> 74:5-13	
	C27	Brogie, R. et al., "Light-regulated expression of a pea Ribulose-1,5-Bisphosphate Carboxylase small subunit gene in transformed plant cells," (1984) <u>Science</u> 224:838-843	
	C28	Brown, D.D. et al., "The thyroid hormone-induced tail resorption program during <i>Xenopus laevis</i> metamorphosis," (1996) <u>Proc. Natl. Acad. Sci. USA</u> 93:1924-1929	
	C29	Brummelkamp, T.R. et al., "A system for stable expression of short interfering RNAs in mammalian cells," (2002) <u>Science</u> 296:550-553	
	C30	Brummendorf et al., "Structure/function relationships of axon-associated adhesion receptors of the immunoglobulin superfamily," (1996) <u>Curr. Opin. Neurobiol.</u> 6:584-593	
KE	C31	Buller, R.M. et al., "Decreased virulence of recombinant Vaccinia virus expression vectors is associated with a thymidine kinase-negative phenotype," (1985) <u>Nature</u> 317:813-815	

Examiner Signature	<i>K.P. Carlson</i>	Date Considered	6-28-07
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see	C32	Burge, C. and S. Karlin, "Finding the genes in genomic DNA," (1997) <u>J. Mol. Biol.</u> 268:78-94	
	C33	Burge, C. and S. Karlin, "Prediction of complete gene structures in human genomic DNA," (1998) <u>Curr. Opin. Struct. Biol.</u> 8:346-354	
	C34	Burton, D.R., "A large array of human monoclonal antibodies to type 1 human immunodeficiency virus from combinatorial libraries of asymptomatic seropositive individuals," (1991) <u>Proc. Natl. Acad. Sci. USA</u> 88:10134-10137	
	C35	Capecci, M.R., "Altering the genome by homologous recombination," (1989) <u>Science</u> 244:1288-1292	
	C36	Caruthers, M.H. et al., "New chemical methods for synthesis in polynucleotides," (1980) <u>Nucleic Acids Symp. Ser.</u> 7:215-223	
	C37	Cavazzana-Calvo, M. et al., "Gene therapy of human severe combined immunodeficiency (SCID)-X1 disease," (2000) <u>Science</u> 288:669-672	
	C38	Chang, C.-C. et al., "Evolution of a cytokine using DNA family shuffling," (1999) <u>Nat. Biotechnol.</u> 17:793-797	
	C39	Chen, L. et al., "Overexpression of matrix Gla protein mRNA in malignant human breast cells: isolation by differential cDNA hybridization," (1990) <u>Oncogene</u> 5:1391-1395	
	C40	Chicz, R.M. and F.Z. Regnier, "High-performance liquid chromatography: effective protein purification by various chromatographic modes," (1990) <u>Methods Enzymol.</u> 182:392-421	
	C41	Christians, F.C. et al., "Directed evolution of thymidine kinase for AZT phosphorylation using DNA family shuffling," (1999) <u>Nat. Biotechnol.</u> 17:259-264	
see	C42	Chung, T.D., "Characterization of the role of IL-6 in the progression of prostate cancer," (1999) <u>Prostate</u> 15:199-207	

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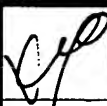

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	C43	Clarke, M.L. et al., "Comparative analysis of artificial antisense RNA regulation in fission yeast and human cells," (2000) <u>Biochem. Biophys. Res. Commun.</u> 268:8-13	
	C44	Colbere-Garapin, F. et al., "A new dominant hybrid selective marker for higher eukaryotic cells," (1981) <u>J. Mol. Biol.</u> 150:1-14	
	C45	Cole, S.P. et al., "Human monoclonal antibodies," (1984) <u>Mol. Cell Biol.</u> 62:109-120	
	C46	Colombatti, A. et al., "The superfamily of proteins with von Willebrand Factor type A-like domains: one theme common to components of extracellular matrix, hemostasis, cellular adhesion, and defense mechanisms," (1991) <u>Blood</u> 77:2305-2315	
	C47	Coruzzi, G. et al., "Tissue-specific and light-regulated expression of a pea nuclear gene encoding the small subunit of rebulose-1,5-bisphosphate carboxylase," (1984) <u>EMBO J.</u> 3:1671-1680	
	C48	Cote, R.J. et al., "Generation of human monoclonal antibodies reactive with cellular antigens," (1983) <u>Proc. Natl. Acad. Sci. USA</u> 80:2026-2030	
	C49	Cramer, A. et al., "Improved green fluorescent protein by molecular evolution using DNA shuffling," (1996) <u>Nat. Biotechnol.</u> 14:315-319	
	C50	Crystal, R.G. et al., "A Phase 1 study, in cystic fibrosis patients, of the safety, toxicity, and biological efficacy of a single administration of a replication deficient, recombinant adenovirus carrying the cDNA of the normal cystic fibrosis transmembrane conductance regulator gene in the lung," (1995) <u>Hum. Gene Therapy</u> 6:643-666	
	C51	Crystal, R.G. et al., "Evaluation of repeat administration of a replication deficient, recombinant adenovirus containing the normal cystic fibrosis transmembrane conductance regulator cDNA to the airways of individuals with cystic fibrosis," (1995) <u>Hum. Gene Therapy</u> 6:667-703	
	C52	Crystal, R.G., "Transfer of genes to humans: Early lessons and obstacles to success," (1995) <u>Science</u> 270:404-410	

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CEB	C53	Csete, M.E. et al., "Efficient gene transfer to pancreatic islets mediated by adenoviral vectors," (1995) <u>Transplantation</u> 27:263-268	
	C54	Cunningham, B.C. and J.A. Wells, "Rational design of receptor-specific variants of human growth hormone," (1991) <u>Proc. Natl. Acad. Sci. USA</u> 88:3407-3411	
	C55	Davis, C.G., "The many faces of epidermal growth factor repeats," (1990) <u>New Biol.</u> 5:410-419	
	C56	de la Fuente, M.A. et al., "CD84 leukocyte antigen is a new member of the Ig superfamily," (1997) <u>Blood</u> 90:2398-2405	
	C57	Deak, F. et al., "Primary structure and expression of Matrilin-2, the closest relative of cartilage matrix protein within the von Willebrand factor Type A-like module superfamily," (1997) <u>J. Biol. Chem.</u> 272:9268-9274	
	C58	Dix, K.J., et al., "Comparative Metabolism and Disposition of Gemfibrozil in Male and Female Sprague-Dawley Rats and Syrian golden Hamsters," (1999) <u>Drug Metab. Distrib.</u> 27:138-146	
	C59	Drickamer, K. et al., "Biology of animal lectins," (1993) <u>Annu. Rev. Cell Biol.</u> 9:237-264	
	C60	Dryga, S.A. et al., "Identification of mutations in a sindbis virus variant able to establish persistent infection in BHK cells: The importance of a mutation in the nsP2 gene," (1997) <u>Virology</u> 228:74-83	
	C61	Dull, T. et al., "A third-generation lentivirus vector with a conditional packaging system," (1998) <u>J. Virol.</u> 72:8463-8471	
	C62	Duplaa, C. et al., "Quantitative analysis of polymerase chain reaction products using biotinylated dUTP incorporation," (1993) <u>Anal. Biochem.</u> 212:229-236	
CEB	C63	Eddy, S.R., "Hidden markov models," (1996) <u>Curr. Opin. Struct. Biol.</u> 6:361-365	

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		Application Number	10/524,355
(use as many sheets as necessary)		Filing Date	07/12/2005
		First Named Inventor	Vicki S. Elliott
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	8	of	22
		Attorney Docket Number	071949-9301

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
<i>KE</i>	C64	Elbashir, S.M. et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," (2001) <u>Nature</u> 411:494-498	
	C65	Engelhard, E.K. et al., The insect tracheal system: a conduit for the systemic spread of Autographa californica M nuclear polyhedrosis virus," (1994) <u>Proc. Natl. Acad. Sci. USA</u> 91:3224-3227	
	C66	Faissner, A., "The tenascin gene family in axon growth and guidance," (1997) <u>Cell Tissue Res.</u> 290:331-341	
	C67	Fawcett, J. et al., "Molecular cloning of ICAM-3, a third ligand for LFA-1, constitutively expressed on resting leukocytes," (1992) <u>Nature</u> 360:481-484	
	C68	Fields, S. and O. Song, "A novel genetic system to detect protein-protein interactions," (1989) <u>Nature</u> 340:245-246	
	C69	Fire, A. et al., "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ," (1998) <u>Nature</u> 391:806-811	
	C70	Frick, M.H., et al., "Helsinki heart study: primary-prevention trial with gemfibrozil in middle-aged men with dyslipidemia," (1987) <u>New Engl. J. Med.</u> ; 317:1237-1245	
	C71	Frisch, S.M. et al., "Integrins and anoikis," (1997) <u>Curr. Opin. Cell Biol.</u> 9:701-706	
	C72	Funatsu, N. et al., "Characterization of a Novel Rat Brain Glycosylphosphatidylinositol-anchored Protein (Kilon), a Member of the IgLON Cell Adhesion Molecule Family," (1999) <u>J. Biol. Chem.</u> 274:8224-8230	
	C73	Garoff, H. et al., "Recent advances in gene expression using alphavirus vectors," (1998) <u>Curr. Opin. Biotechnol.</u> 9:464-469	
<i>KE</i>	C74	Gary, S.C. et al., "BEHAB/brevican: a brain-specific lectican implicated in gliomas and glial cell motility," (1998) <u>Curr. Opin. Neurobiol.</u> 8:576-581	

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<i>ve</i>	C75	Gatti, R.A. et al., "Localization of an ataxia-telangiectasia gene to chromosome," (1988) <u>Nature</u> 336:577-580	
	C76	Goins, W.F. et al., "Herpes simplex virus type 1 vector-mediated expression of nerve growth factor protects dorsal root ganglion neurons from peroxide toxicity," (1999; <u>J. Virol.</u> 73:519-532	
	C77	Gold, L.I. (1999) <u>Crit. Rev. Oncol.</u> 10:303-360 (waiting from SD library)	
	C78	Goldman, C.K. et al., "In vitro and in vivo gene delivery mediated by a synthetic polycationic amino polymer," (1997) <u>Nat. Biotechnol.</u> 15:462-466	
	C79	Gossen, M. and H. Bujard, "Tight control of gene expression in mammalian cells by tetracycline-responsive promoters," (1992) <u>Proc. Natl. Acad. Sci. USA</u> 89:5547-5551	
	C80	Gossen, M. et al., "Transcriptional activation by tetracyclines in mammalian cells," (1995) <u>Science</u> 268:1766-1769	
	C81	Graham, F.L. and A.J. Eb, "A new technique for the assay of infectivity of human adenovirus 5 DNA," (1973) <u>Virology</u> 52:456-467	
	C82	Gregoire et al., "Understanding adipocyte differentiation," (1998) <u>Physiol. Reviews</u> 78:783-809	
	C83	Gu, K. et al., "Human dentin phosphophoryn nucleotide and amino acid sequence," (1998) <u>Eur. J. Oral Sci.</u> 106:1043-1047	
	C84	Gura, T., "A silence that speaks volumes," (2000) <u>Nature</u> 404:804-808	
	C85	Hadari, Y.R. et al., "Galectin-8; A new rat lectin, related to galectin-4," (1995) <u>J. Biol. Chem.</u> 270:3447-3453	
<i>de</i>	C86	Haft, D.H. et al., "TIGRFAMs: a protein family resource for the functional identification of proteins," (2001) <u>Nucleic Acids Res.</u> 29:41-43	

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<i>Yell</i>	C87	Hanks, S.K. et al., "Signaling through focal adhesion kinase," (1997) <u>BioEssays</u> 19:137-145	
	C88	Harrington, J.J. et al., "Formation of de novo centromere and construction of first-generation human artificial microchromosomes," (1997) <u>Nat. Genet.</u> 15:345-355	
	C89	Harrington, M.G., "Elution of protein from gels," (1990) <u>Methods Enzymol.</u> 182:488-495	
	C90	Hartman, S.C. and R.C. Mulligan, "Two dominant-acting selectable markers for gene transfer studies in mammalian cells," (1988) <u>Proc. Natl. Acad. Sci. USA</u> 85:8047-8051	
	C91	Heller, R.A. et al., "Discovery and analysis of inflammatory disease-related genes using cDNA microarrays," (1997) <u>Proc. Natl. Acad. Sci. USA</u> 94:2150-2155	
	C92	Hidari, K. I. et al., "Engagement of P-selectin glycoprotein ligand-1 enhances tyrosine phosphorylation and activates mitogen-activated protein kinases in human neutrophils," (1997) <u>J. Biol. Chem.</u> 272:28750-28756	
	C93	Higgins, D.G. et al., "CLUSTAL V: Improved software for multiple sequence alignment," (1992) <u>CABIOS</u> 8:189-191	
	C94	Higgins, D.G. et al., "Fast and sensitive multiple sequence alignments on a microcomputer," (1989) <u>CABIOS</u> 5:151-153	
	C95	Horn, T. et al., "Synthesis of oligonucleotides on cellulose. Part II: design and synthetic strategy to the synthesis of 22 oligodeoxynucleotides coding for gastric inhibitory polypeptide (GIP)," (1980) <u>Nucleic Acids Symp. Ser.</u> 7:225-232	
	C96	Howard, A.D. et al., "Orphan G-protein-coupled receptors and natural ligand discovery," (2001) <u>Trends Pharmacol. Sci.</u> 22:132-140	
<i>Yell</i>	C97	Huse, W.D. et al., "Generation of a large combinatorial library of the immunoglobulin repertoire in Phage Lambda," (1989) <u>Science</u> 246:1275-1281	

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	C98	Ivics, Z., "Molecular reconstruction of sleeping beauty, a Tc1-like transposon from fish, and its transposition in human cells," (1997) <u>Cell</u> 91:501-510	
	C99	Khazaie, K. et al., "EGF receptor in neoplasia and metastasis," (1993) <u>Cancer and Metastasis Rev.</u> 12:255-274	
	C100	Kimmel, A.R., "Identification and characterization of specific clones: Strategy for confirming the validity of presumptive clones," (1987) <u>Methods Enzymol.</u> 152:507-511	
	C101	Kobe, B. et al., "Proteins with leucine-rich repeats," (1995) <u>Curr. Opin. Struct. Biol.</u> 5:409-416	
	C102	Kohda, D. et al., "Solution structure of the link module: a hyaluronan-binding domain involved in extracellular matrix stability and cell migration," (1996) <u>Cell</u> 86:767-775	
	C103	Kohler, G. et al., "Continuous cultures of fused cells secreting antibody of predefined specificity," (1975) <u>Nature</u> 256:495-497	
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	C105	Kulkarni, N.H. et al., "Characterization and differential expression of a human gene family of olfactomedin-related proteins," (2000) <u>Genet. Res.</u> 76:41-50	
	C106	Kwok, P.-Y. and Z. Gu, "Single nucleotide polymorphism libraries: why and how are we building them?," (1999) <u>Mol. Med. Today</u> 5:538-543	
	C107	Lagerstrom, M. et al., "Capture PCR: efficient amplification of DNA fragments adjacent to a known sequence in human and YAC DNA," (1991) <u>PCR Methods Applic.</u> 1:111-119	
	C108	Lander, E.S. and D. Botstein, "Strategies for studying heterogeneous genetic traits in humans by using a linkage map of restriction fragment length polymorphisms," (1986) <u>Proc. Natl. Acad. Sci. USA</u> 83:7353-7357	

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see	C109	Lasky, L.A., "Lectin cell adhesion molecules (LEC-CAMs): a new family of cell adhesion proteins involved with inflammation," (1991) <u>J. Cell. Biochem.</u> 45:139-146		
	C110	Lee, J.-O. et al., "Crystal structure of the A domain from the a subunit of integrin CR3 (CD11 b/CD18)," (1995) <u>Cell</u> 80:631-638		
	C111	Lee, S.W. et al., "Down-regulation of a member of the S100 gene family in mammary carcinoma cells and reexpression by azadeoxycytidine treatment," (1992) <u>Proc. Natl. Acad. Sci. USA</u> 89:2504-2508		
	C112	Letunic, I. et al., "Recent improvements to the SMART domain-based sequence annotation resource," (2002) <u>Nucleic Acids Res.</u> 30:242-244		
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	C117	Lois, C. et al., "Germline transmission and tissue-specific expression of transgenes delivered by lentiviral vectors," (2002) <u>Science</u> 295:868-872		
	C118	Lowman, H.B. et al., "Mutational analysis and protein engineering of receptor-binding determinants in human placental lactogen," (1991) <u>J. Biol. Chem.</u> 266:10982-10988		
see	C119	Lowy, I. et al., "Isolation of transforming DNA: cloning the hamster apt gene," (1980) <u>Cell</u> 22:817-823		

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see	C120	Lueking, A. et al., "Protein microarrays for gene expression and antibody screening," (1999) <u>Anal. Biochem.</u> 270:103-111	
	C121	Manda et al., "Identification of genes (SPON2 and C20orf2) differentially expressed between cancerous and noncancerous lung cells by mRNA differential display," (1999) <u>Genomics</u> 51:5-14	
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	C127	McGregor, D.P. et al., "Spontaneous assembly of bivalent single chain antibody fragments in ESCHERICHIA COLI," (1994) <u>Mol. Immunol.</u> 31:219-226	
	C128	Melby, P.C. et al., "Quantitative measurement of human cytokine gene expression by polymerase chain reaction," (1993) <u>J. Immunol. Methods</u> 159:235-244	
	C129	Mendoza, L.G. et al., "High-throughput microarray-based enzyme-linked immunosorbent assay (ELISA)," (1999) <u>Biotechniques</u> 27:778-788	
see	C130	Mickelson et al., "Differential expression and release of CD54 induced by cytokines," (1995) <u>Hepatology</u> 22:866-875	

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<i>vep</i>	C131	Midwood, K.S., "Elastic Fibers: Building Bridges Between Cells and Their Matrix [Dispatch]," (2002) <u>Current Biology</u> 12:R279-R281		
	C132	Miller, A.D., "Progress toward human gene therapy," (1990) <u>Blood</u> 76:271-278		
	C133	Miyamoto, S. et al., "Integrins can collaborate with growth factors for phosphorylation of receptor tyrosine kinases and MAP kinase activation: roles of integrin aggregation and occupancy of receptors," (1996) <u>J. Cell Biol.</u> 135:1633-1642		
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	C139	Muyldermans, S., "Single domain camel antibodies: current status," (2001) <u>J. Biotechnol.</u> 74:277-302		
	C140	Nagasawa, A. et al., "Human and mouse ISLR (immunoglobulin superfamily containing leucine-rich repeat) genes: genomic structure and tissue expression," (1999) <u>Genomics</u> 61:37-43		
<i>vep</i>	C141	Nagendra et al., "CD18 integrin and CD54-dependent neutrophil adhesion to cytokine-stimulated human hepatocytes," (1997) <u>Am. J. Physiol.</u> 272:G408-G416		

Examiner Signature	<i>HC Carter</i>	Date Considered	6-29-07
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		Application Number	10/524,355		
		Filing Date	07/12/2005		
		First Named Inventor	Vicki S. Elliott		
		Group Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	15	of	22	Attorney Docket Number	071949-9301

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
VCE	C142	Neuberger, M.S. et al., "Recombinant antibodies possessing novel effector functions" (1984) <u>Nature</u> 312:604-608	
	C143	Neumann, E. et al., "Gene transfer into mouse lyoma cells by electroporation in high electric fields," (1982) <u>EMBO J.</u> 1:841-845	
	C144	Nowotny, P. et al., "SNP analysis to dissect human traits," (2001) <u>Curr. Opin. Neurobiol.</u> 11:637-641	
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	C148	Orlandi, R. et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," (1989) <u>Proc. Natl. Acad. Sci. USA</u> 86:3833-3837	
	C149	Paddison, P.J. et al., "Short hairpin RNAs (shRNAs) induce sequence-specific silencing in mammalian cells," (2002) <u>Genes Dev.</u> 16:948-958	
	C150	Paietta, E. et al., "Hodgkin's cell lectin, a lymphocyte adhesion molecule and mitogen," (1989) <u>J. Immunol.</u> 143:2850-2857	
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VCE	C152	Perou, C.M. et al., "Molecular portraits of human breast tumours," (2000) <u>Nature</u> 406:747-752	

Examiner Signature	<i>K.C. Carls</i>	Date Considered	6-25-07
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<i>see</i>	C153	Petersen et al., "Gene therapy expression profiling of advanced lung cancer," (2000) <u>Int J. Cancer</u> , 86:512-517	
	C154	Poeschla, E. et al., "Development of HIV vectors for anti-HIV gene therapy," (1996) <u>Proc. Natl. Acad. Sci. USA</u> 93:11395-11399	
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	C157	Ranga, U. et al., "Cell and viral regulatory elements enhance the expression and function of a human immunodeficiency virus inhibitory gene," (1997) <u>J. Virol.</u> 71:7020-7029	
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	C161	Reznicek, G. A. et al., "Linking integrin $\alpha_5\beta_1$ -based cell adhesion to the intermediate filament cytoskeleton: direct interaction between the β_1 subunit and plectin at multiple molecular sites," (1998) <u>J. Cell Biol.</u> 141:209-225	
<i>see</i>	C162	Rhodes, C.A., "Transformation of maize by electroporation of embryos," (1995) <u>Methods Mol. Biol.</u> 55:121-131	

Examiner Signature	<i>H. Carter</i>	Date Considered	6-28-07
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<i>vee</i>	C163	Riviere, I. et al., "Effects of retroviral vector design on expression of human adenosine deaminase in murine bone marrow transplant recipients engrafted with genetically modified cells," (1995) <u>Proc. Natl. Acad. Sci. USA</u> 92:6733-6737	
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	C169	Sarkar, G., "Restriction-site PCR: a direct method of unknown sequence retrieval adjacent to a known locus by using universal primers," (1993) <u>PCR Methods Applic.</u> 2:318-322	
	C170	Scanlon, K.J. et al., "Oligonucleotide-mediated modulation of mammalian gene expression," (1995) <u>FASEB J.</u> 9:1288-1296	
	C171	Scharf, D. et al., "Heat stress promoters and transcription factors," (1994) <u>Results Probl. Cell Differ.</u> 20:125-162	
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ve	C174	Schultz, J. et al., "SAM as a protein interaction domain involved in developmental regulation," (1997) <u>Protein Sci.</u> 6:249-253	
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ve	C183	Su, Z.-Z. et al., "Surface-epitope masking and expression cloning identifies the human prostate carcinoma tumor antigen gene PCTA-1 a member of the galectin gene family," (1996) <u>Proc. Natl. Acad. Sci. USA</u> 93:7252-7257	

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	C188	Taylor, "Using genetic variation to study human disease," (1999) <u>Cell</u> 97:9-12	
	C189	Taylor, J.G. et al., "Deconstructing type 2 diabetes," (2001) <u>Trends Mol. Med.</u> 7:507-512	
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	C193	Thomson, J.A. et al., "Embryonic stem cell lines derived from human blastocysts," (1998) <u>Science</u> 282:1145-1147	
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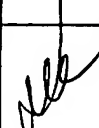
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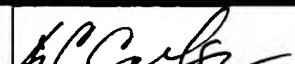
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	C195	Toribara, N.W. et al., "The carboxyl-terminal sequence of the human secretory Mucin, MUC6. Analysis of the primary amino acid sequence," (1997) <u>J. Biol. Chem.</u> 272:16398-16403		
	C196	Tran, H. et al., "The self-association and fibronectin-binding sites of fibulin-1 map to calcium-binding epidermal growth factor-like domains," (1997) <u>J. Biol. Chem.</u> 272:22600-22606		
	C197	Trask, B.J., "Fluorescence in situ hybridization," (1991) <u>Trends Genet.</u> 7:149-154		
	C198	Triglia, T. et al., "A procedure for in vitro amplification of DNA segments that lie outside the boundaries of known sequences," (1988) <u>Nucleic Acids Res.</u> 16:8186		
	C199	Uckert, W. and W. Walther (1994) <u>Pharmacol. Ther.</u> 63:323-347		
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	C203	Verma, I.M. and N. Somia, "Gene therapy - promises, problems and prospects," (1997) <u>Nature</u> 18:389:239-242		
	C204	Wagner, K.U. et al., "Cre-mediated gene deletion in the mammary gland," (1997) <u>Nucleic Acids Res.</u> 25:4323-4330		
	C205	Wahl, G.M. and S.L. Berger, "Molecular hybridization of immobilized nucleic acids: theoretical concepts and practical considerations," (1987) <u>Methods Enzymol.</u> 152:399-407		

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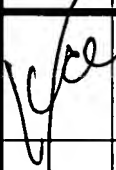
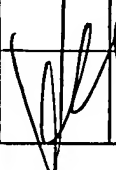
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	C206	Wang et al., "Identification of genes differentially over-expressed in lung squamous cell carcinoma using combination of cDNA subtraction and microarray analysis," (2000) <u>Oncogene</u> 19:1519-1528	
	C207	Way et al., "Comprehensive messenger ribonucleic acid profiling reveals that peroxisome proliferator-activated receptor γ activation has coordinate effects on gene expression in multiple insulin-sensitive tissues," (2001) <u>Endocrinology</u> 142:1269-1277	
	C208	Weiss, G.A. and H.B. Lowman, "Anticalins versus antibodies: made-to-order binding proteins for small molecules," (2000) <u>Chem. Biol.</u> 7:R177-R184	
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	C216	Yang, Y. et al., "The structural basis of ankyrin-like repeat function as revealed by the solution structure of myotrophin," (1998) <u>Structure</u> 6:619-626	

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		First Named Inventor	Vicki S. Elliott
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
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	C218	Yu, M. et al., "A hairpin ribozyme inhibits expression of diverse strains of human immunodeficiency virus Type 1," (1993) <u>Proc. Natl. Acad. Sci. USA</u> 90:6340-6344	
	C219	Zabner, J. et al., "Adenovirus-mediated gene transfer transiently corrects the chloride transport defect in masal epithelia of patients with cystic fibrosis," (1993) <u>Cell</u> 75:207-216	
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ICD	C222	Zufferey, R. et al., "Self-inactivating lentivirus vector for safe and efficient in vivo gene delivery," (1998) <u>J. Virol.</u> 72:9873-9880	

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